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Selected Bibliography on
Southern Range Management,
1973-1978



H.A. Pearson, R.D. Child, E.K. Byington, H.E. Grelen, C.E. Lewis

Southern
Forest
Experiment
Station

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*Committee on Range Bibliography of the Southern Section,
Society for Range Management*

Introduction

This bibliography is the fourth of a series inaugurated in 1963 for the purpose of recording publications that deal importantly with the forest ranges of the South, and with the livestock and wildlife utilizing this vast resource.

For the first number of the series,¹ the compilers appraised all literature that had accrued through 1961. The second bibliography² spanned the years 1962-1967. The third bibliography³ covered the years 1968-1972 and somewhat strengthened the wildlife section with some minor changes. The present list contains over 1000 entries and updates the coverage of publications through 1978; the present classification system expands or modifies some previous categories to provide additional attention to interactions among the various uses of the southern range. This listing should provide information relevant to the diverse interests of land managers, stockmen, conservationists, scientists, teachers, and students.

As in the first three bibliographies in this series, the southern range area is considered to extend from eastern Oklahoma to Virginia, and from southern Kentucky and Missouri to the Gulf of Mexico. Because pasture commonly augments the diets of

cattle that subsist chiefly on range forage, pertinent publications on supplemental pastures and cropland are included.

The present, 1973-1978, bibliography inaugurates a new production process. Citations collected by WINROCK International Livestock Research and Training Center were used to create a computer-based bibliographic file. This file was edited, corrected, updated, categorized, and indexed by a team of range scientists (the authors), editors, librarians, technical information specialists, and computer specialists. For the most part, team members worked together from their own offices by using various communication channels—many computer-based—to achieve the joint effort described above. The publication appears to be similar to earlier bibliographies in this series, but the author index, the keyword index, the computer typesetting, and camera-ready copy were drawn from the corrected computer-based file records as by-products—requiring little additional effort.

Another by-product is a searchable data base. The records from the computer file are now part of CORR (Communications on Renewable Resources), an information resource available for searching through Bibliographic Retrieval Services, Inc. (BRS). Access to CORR may be obtained through Richard L. Knox, Leader, Technology Transfer Group, Forest Service, U.S. Department of Agriculture, Box 2417, Washington, D.C. 20013. Development of this and other subsets of CORR relevant to range management have been sponsored jointly by the Interagency Range Information Committee. Cooperation by the Forest Service (Vern L. Thompson, Don D. Seaman, Theodore V. Russell), the Soil Conservation Service (Donald T. Pendleton, Douglas V. Sellars) of the U.S. Department of

¹Campbell, R.S., L.K. Halls, and H.P. Morgan. 1963. Selected bibliography on southern range management. USDA Forest Service Research Paper SO-Z, 62 p. Southern Forest Experiment Station, New Orleans, Louisiana.

²Duvall, V.L., A.W. Johnson, and L.L. Yarlett. 1968. Selected bibliography on southern range management, 1962-1967. USDA Forest Service Research Paper SO-38, 34 p. Southern Forest Experiment Station, New Orleans, Louisiana.

³Pearson, H.A., C.E. Lewis, G.E. Probasco, and G.L. Wolters. 1973. Selected bibliography on southern range management, 1968-1972. USDA Forest Service General Technical Report SO-3, 50 p. Southern Forest Experiment Station, New Orleans, Louisiana.

Agriculture and the Bureau of Land Management (Ron Younger and Edward L. Fisk) of the U.S. Department of the Interior has made the Committee's work possible. Mary B. O'Hara, Forest Service Technical Information Specialist, has provided leadership and direction in developing the concept of CORR and CORR products. Cooperation between the Forest Service and the U.S. Department of Energy has provided valuable computer services, particularly use of ORCHIS, a system developed at Oak Ridge National Laboratory.

Sources consulted included books, periodicals, publications of the U.S. Government, and of State Agricultural Experiment Stations, releases of regional organizations and private foundations, and bibliographies with abstracts. Periodicals searched included:

Agronomy Journal
American Forests
American Journal of Botany
American Midland Naturalist
Botanical Gazette
Botanical Review
Crop Science
Ecology
Ecological Monographs
Economic Botany
Forest Farmer
Forests and People
Forest Science
Gulf Coast Cattleman
Journal of Animal Science

Journal of Forestry
Journal of Range Management
Journal of Soil and Water Conservation
Journal of Wildlife Management
Soil Science
The Cattleman

Several members of the Society for Range Management and State and Federal agencies reviewed an initial draft of the bibliography and supplied additional pertinent references and suggestions:

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Range Plants

GENERAL

General phases of southern range vegetation.

1. Anonymous.
1976. Grasses and legumes in Texas-development, production, and utilization. Texas Agricultural Experiment Station Research Monograph RM-6. Texas A&M University, College Station, TX. 58 p.
2. Heath, M.E., D.S. Metcalfe, and R.F. Barnes, eds.
1973. Forages: the science of grassland agriculture. Third edition. Iowa State University Press, Ames, IA. 755 p.
3. Yarlett, L.L.
1974. Important native grasses for range conservation in Florida [Mimeo.]. U.S. Department of Agriculture, Soil Conservation Service, Fort Worth, TX 76115. 163 p.

SYSTEMATIC BOTANY

Systematic botany (including dendrology), keys and identification aids, botanical expeditions, plant introduction, and accounts of large herbaria.

4. Brown, C.A., and H.E. Grelen.
1977. Identifying hardwoods growing on pine sites. USDA Forest Service General Technical Report SO-15. Southern Forest Experiment Station, New Orleans, LA. 69 p.
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1975. Range extensions and first reports for some Tennessee vascular plants. *Castanea* **40(1):56-63**.
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1973. Wildflowers of Alabama and adjoining states. University of Alabama Press, Birmingham, AL. 230 p.
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1974. Variation in pinehill bluestem, a southern ecotype of the *Andropogon scoparius* complex. *Journal of Range Management* **27(4):283-284**.
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1975. Flora of the Texas coastal bend. Rob and Bessie Welder Wildlife Foundation, Sinton, TX. 262 p.
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1976. Flora of tropical Florida: a manual of the seed plants and ferns of southern peninsular Florida. Banyan Books, Miami, FL. 962 p.
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1974. Identifying woody plants valuable to wildlife in southern forests. USDA Forest Service Research Paper SO-92. Southern Forest Experiment Station, New Orleans, LA. 76 p.
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1974. Vascular plant systematics. Harper & Row, New York. 891 p.
16. Roedner, B.J., D.A. Hamilton, and K.E. Evans.
1978. Rare plants of the Ozark Plateau: a field identification guide. North Central Forest Experiment Station, St. Paul, MN. 238 p.
17. Sundell, E.
1979. A bibliography of Louisiana botany 1951-1975. *Tulane Studies in Zoology and Botany* **21(1):1-66**.

FORAGEVALUE

Palatability and nutritive, seasonal, and general values of southern range plants and plant parts as forage and in the diets of livestock, wild mammals, and birds. Special foods such as acorns and other mast. See also Quality and Food Habits.

18. Bickel, J.R.
1978. Seeding clearcuts in the Ouachita Mountains of Arkansas to improve forage value. Thesis (M.S.), University of Arkansas, Fayetteville, AR.

19. Bonner, F.T.
1974. Chemical components of some southern fruits and seeds. USDA Forest Service Research Note SO- 183. 4 p.
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1979. Wildlife food plants following preparation of **longleaf** pine sites in southwest Georgia. Southern Journal of Applied Forestry **3(2):56-59.**
21. Dixon, K.E., J.F. Hentges, Jr., and L.O. Bagnall.
1978. Acceptability of hydrilla silage and hay in cattle diets. Florida Beef Cattle Research Report 1978. University of Florida, Cooperative Extension Service, Gainesville, FL. p. 93-96.
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PROBLEM PLANTS

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1976. Severe defoliation of *Seymeria cassioides* (Scrophulariaceae) by the buckeye butterfly (Nymphalidae). *Journal of the Elisha Mitchell Scientific Society* **92**(1):14-16.
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1979. A population of *Aureolaria pedicularia* (L.) Raf. Scrophulariaceae without oaks. *American Midland Naturalist* **102**(1): 175- 177.
51. Osborn, J.E., and G.V. Witkowski.
1974. Economic impact of brush encroachment in Texas. *Southern Journal of Agricultural Economics* **6**(2):95-100.

ECOLOGY

Range ecology, habitat classification systems, plant communities, shoot and root responses, and ecological methods of study. See also Ecosystems.

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1974. Effects of herbicides and repeated burns on the understory vegetation of loblolly short-leaf pine forests on hilly terrain. Thesis (Ph.D.), Auburn University, Auburn, AL. 143 p.
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1978. Creeping bluestem-number 1 grass on flatwood ranges. *Florida Cattleman and Livestock Journal* **42(10):38-39**.
- Physiography and Soils**
- Geologic features, soils (including litter), soil moisture, sites, and soil management as they affect range plants and plant groups. Soil surveys.***
68. Anonymous.
1974. Farmers and ranchers: soil surveys can help you. U.S. Department of Agriculture Program Aid 1047. U.S. Department of Agriculture, Soil Conservation Service, Washington, DC. 8 p.
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1976. Phytosociological changes after timber harvest in a southern pine ecosystem. *Ecology* **57(1):18-32**.
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- Ecosystems**
- Forest and range classification and inventory systems, habitat types, and interactions.***
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